

Return of Spontaneous Circulation Emergency Medical Services

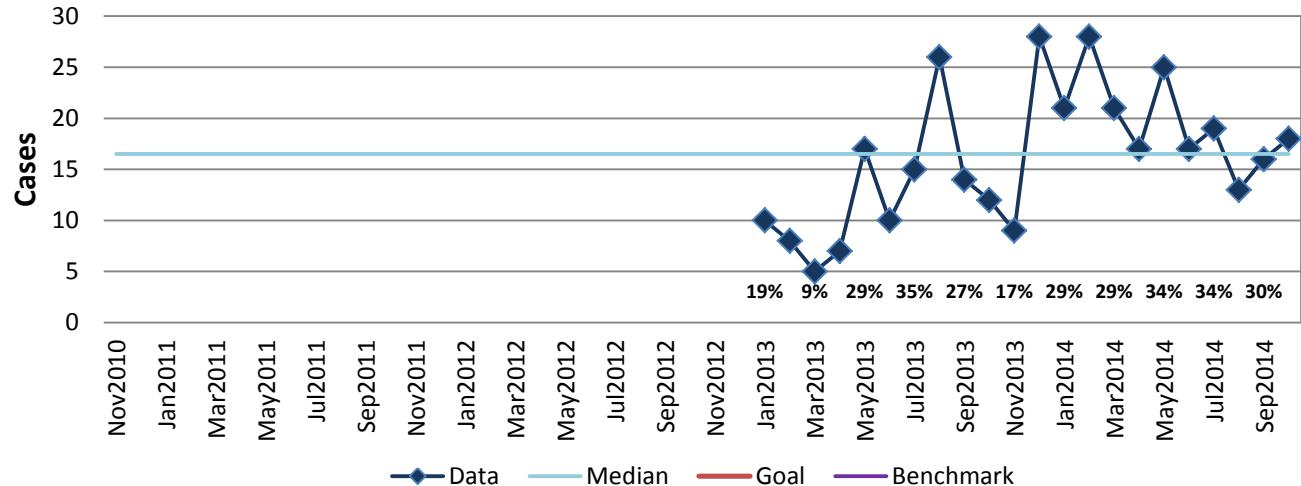


KPI Owner: Major Chris Lokits

Process: Patient Care

Baseline, Goal, & Benchmark		Source Summary	Continuous Improvement Summary	
Baseline: 25% (Jan. 2013-Dec. 2013)	Goal: TBD	Data Source: RescueNet/CodeStat Goal Source: TBD Benchmark Source: TBD	Plan-Do-Check-Act Step 2: Validate problem: baseline, benchmark, & goal Measurement Method: Review crew documentation and review CPR analytics Why Measure: Measures the effectiveness of cardiac arrest management Next Improvement Step: Set baseline, benchmark and goals where possible using historical data or national standards. Create pareto.	
How Are We Doing?				
Nov2013-Oct2014 12 Month Goal	Nov2013-Oct2014 12 Month Actual		Oct2014 Goal	Oct2014 Actual
TBD	232		TBD	18
Cases	Cases		Cases	Cases

Return of Spontaneous Circulation



Identified Factors Impacting ROSC

Controllable (EMS)

Chest Compression Fraction (Time on chest & optimization of pauses)

Chest Compression Rate

Appropriate and timely defibrillatory shocks

Uncontrollable Factors

Age/Comorbidities

Cause of arrest (reversible?)

Bystander CPR

Witnessed/recognized (Time from collapse to call 911)

Location/response time (Time from 911 call to initiation of resuscitation)